

Abstract of the Disclosure

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A lithium secondary battery has small internal resistance and has good charge-discharge cycle characteristics, with a lithium transition metal compound being used as a positive active material. A portion of transition element Me in a lithium transition metal compound LiMe_xO_y to be used as a positive active material is substituted by not less than two kinds selected from the group consisting of Li, Fe, Mn, Ni, Mg, Zn, B, Al, Co, Cr, Si, Ti, Sn, P, V, Sb, Nb, Ta, Mo, and W. Here, M represents substitution elements, and $M \neq \text{Me}$.